

Appl. No. 10/016,238
Amdt. Dated December 6, 2005
Reply to Office action of September 21, 2005

APP 1412

Amendments to the Specification

Please insert the following before line 5 at page 1 of the specification:

RELATED APPLICATION

This application is related to applicants' application Serial No. 10/054,134, filed November 13, 2001, wherein a related invention is disclosed and claimed.

Please replace the paragraph beginning at page 7, line 28 with the following:

Fig. 5 show an illustrative state of the matrix 48 after the packet size on one of the active channels shown in Fig. 2 (e.g., the channel 9) has been altered as indicated above. It will be assumed that the adjustment circuit 47 has directed the base band controller 29 to reduce the size of the packets represented by the associated pattern $F1(t)$ from three time slots to one time slot in a timely manner, i.e., in sufficient time to allow the radio modules 6 and 14 servicing the channel 9 to negotiate and execute such change prior to the occurrence of the block of future time slots $T(0), T(1), \dots, T(N-1)$ represented in the matrix 48. Note however, that there is no requirement to negotiate packet size between the master and slave because in accordance with my our invention frequency collision detection and avoidance need only be applied to the master device since the slave device may read a field in the packet header received from the master to determine the packet length. As such, the packet size can change without alerting the slave devices beforehand.